

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date set forth below as First Class Mail in an envelope addressed to: Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450

Date of Signature and Deposit: January 26, 2005

Sara D. Vinarov



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Arthur M. Glenberg
Michael P. Kaschak
Tiana Gutierrez
Sandra Japuntich
Joel R. Levin

Date: January 26, 2005

Serial No.: 10/607,660

Group Art Unit: 3713

Filed: 06/27/2003

Examiner:

Title: METHOD FOR ENHANCING
READING COMPREHENSION

File No.: 960296.00082

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P O Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a completed Form PTO-1449 listing documents that the applicants in the above-identified application wish to bring to the attention of the Examiner for consideration in connection with the examination on the merits of this application.

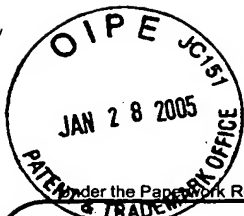
No fee is believed due in connection with this submission. However, if a fee is due, please charge the fee to Deposit Account No. 17-0055.

Respectfully submitted,

A handwritten signature in black ink, appearing to be "Sara D. Vinarov", written over a horizontal line.

Sara D. Vinarov
Reg. No. 48,524
Attorney for Applicants
QUARLES & BRADY LLP
P.O. Box 2113
Madison, WI 53701-2113

TEL (608) 251-5000
FAX (608) 251-9166



U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/607,660
		Filing Date	06/27/2003
		First Named Inventor	Arthur M. Glenberg
		Art Unit	3713
		Examiner Name	
Sheet 1	of 3	Attorney Docket Number	960296.00082

OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Barsalou, L.W., "Perceptual symbol systems," Behavioral and Brain Sciences (1999) 22:577-660	
		Barsalou, L.W., et al., "Perceptual Simulation in Conceptual Tasks," Cultural, typological, and psychological perspectives in cognitive linguistics: The proceedings of the 4th conference of the International Cognitive Linguistics Association (1999)	
		Bender, B.G., et al., "Motor Activity, Anticipated Motor Activity, and Young Children's Associative Learning," Child Development (1976) 47:560-562	
		Burgess, C., et al., "Modelling Parsing Constraints with High-dimensional Context Space," Language and Cognitive Processes (1997) 12:177-210	
		Chambers, C.G., et al., "Circumscribing Referential Domains during Real-Time Language Comprehension," Journal of Memory and Language (2002) 47:30-49	
		Collins, A.M., et al., "A Spreading-Activation Theory of Semantic Processing," Psychological Review (1975) 82:407-428	
		Edelman, G.M., "Bright Air, Brilliant Fire, On the Matter of the Mind," (1992) New York Penguin	
		Gibson, J.J., "The ecological approach to visual perception," (1979) New York: Houton Mifflin	
		Glenberg, A.M., "What memory is for," (1997) Behavioral and Brain Sciences 20:1-55	
		Glenberg, A.M., et al., "Grounding language in action," (2002) Psychonomic Bulletin & Review 9:558-565	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
Application Number	10/607,660				
Filing Date	06/27/2003				
First Named Inventor	Arthur M. Glenberg				
Group Art Unit	3713				
Examiner Name					
Attorney Docket Number	960296.00082				
Sheet	2	of	3		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Glenberg, A.J., et al., "Symbol Grounding and Meaning: A Comparison of High-Dimensional and Embodied Theories of Meaning," (2000) Journal of Memory and Language 43:379-401	
		Harnad, S., "The symbol grounding problem," Physica D. (1990) 42:335-346	
		Kaschak, M.P., et al., "Constructing Meaning: The Role of Affordances and Grammatical Constructions in Sentence Comprehension," (2000) Journal of Memory and Language 43:508-529	
		Kintsch, W., "The Role of Knowledge in Discourse Comprehension: A Construction-Integration Model," (1988) Psychological Review 95:163-182	
		Lakoff, G., "Women, Fire, and Dangerous Things: What Categories Reveal about the Mind," (1987) Chicago: University of Chicago Press	
		Landauer, T.K., et al., "A Solution to Plato's Problem: The Latent Semantic Analysis Theory of Acquisition, Induction, and Representation of Knowledge," (1997) Psychological Review 104:211-240	
		Lesgold, A.M., et al., "Pictures and Young Children's Prose Learning: A Supplementary Report," (1977) Journal of Reading Behavior 9:353-360	
		Lesgold, A.M., et al., "Pictures and Young Children's Learning From Oral Prose," (1975) Journal of Educational Psychology 67:636-642	
		Levin, J.R., "Four Cognitive Principles of Learning-Strategy Instruction," (1986) Educational Psychologist 21:3-17	
		Masson, M.E.J., "A Distributed Memory Model of Semantic Priming," (1995) Journal of Experimental Psychology: Learning, Memory, and Cognition 21:3-23	
		Newell, A., "Physical Symbol Systems," (1980) Cognitive Science 4:135-183	

Examiner Signature	Date Considered
---------------------------	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/607,660
		Filing Date	06/27/2003
		First Named Inventor	Arthur M. Glenberg
		Group Art Unit	3713
		Examiner Name	
		Attorney Docket Number	960296.00082
Sheet	3	of	3

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Nilsson, L.G., et al., "Activity in motor areas while remembering action events," (2000) NeuroReport 11:2199-2201	
		Noice, H., et al., "Learning dialogue with and without movement," (2001) Memory & Cognition 29:820-827	
		Pecher, D., et al., "Verifying Different-Modality Properties for Concepts Produces Switching Costs," (2003) Psychological Science 14:119-124	
		Putnam, H., "Reason, Truth and History," (1981) Cambridge: Cambridge University Press	
		Rubman, C.N., et al., "A, B Seeing: The Role of Constructive Processes in Children's Comprehension Monitoring," (2000) 92:503-514	
		Schank, R.C., et al., "Scripts, Plans, Goals and Understanding: An Inquiry into Human Knowledge Structures," (1977) Hillsdale NJ: Erlbaum	
		Searle, J.R., "Minds, brains, and programs," (1980) The Behavioral and Brain Sciences 3:417-457	
		Stanfield, R.A., et al., "The Effect of Implied Orientation Derived from Verbal Context on Picture Recognition," (2001) Psychological Science 12:153-156	
		Van Meter, P., "Drawing Construction as a Strategy for Learning From Text," (2001) Journal of Educational Psychology 93:129-140	
		Varley, W.H., et al., "Training Imagery Production in Young Children Through Motor Involvement," (1974) Journal of Educational Psychology 66: 262-266	
		Wolff, P., et al., "The Role of Overt Activity in Children's Imagery Production," (1972) Child Development 43:537-547	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**